



ERTS 070

LONG ISLAND UNIVERSITY

SCIENCE ENGINEERING RESEARCH GROUP

E72-10172
CR-128363

ADDRESS REPLY TO:
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17 August 1972

National Aeronautics & Space Administration
Goddard Space Flight Center
Greenbelt, Maryland 20771

Gentlemen:

RE: Type I Progress Report for the Period Ending
August 15, 1972

This document is submitted herewith in reference to Contract No.
NAS5-21792 and includes the following:

- A) Title of the Investigation: An Interdisciplinary Study of the
Estuarine and Coastal Oceanography
of Block Island Sound and Adjacent
New York Coastal Waters
- B) GSFC Identification Number: UN 558 (Dr. Edward Yost)
- C) A sub-contract with the New York Ocean Science Laboratory was
negotiated. The personnel at NYOSL are expected to start
sampling the water masses in Block Island Sound and New York
Bight area from 20 August 1972. These measurements would be
taken to obtain the chemical, biological, and physical
parameters of the water masses.
- D) All the preparations to receive and analyze ERTS data have
been made as far as the equipment is concerned. It is also
planned that Long Island University personnel will be on
board the research vessel KYMA, operated by NYOSL, in order
to measure the upwelling and downwelling irradiance. An
effort is being made so that these ground experiments could
coincide as close as possible to the satellite pass over
Long Island area.
- E) No changes are expected in the Data Analysis Plan. A "first
look" at the ERTS imagery was not possible due to the delay
in the satellite launch.

Very truly yours,

Edward Yost
Professor and Director

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17 Aug. 1972 1 p
E. Yost (Long
Island Univ.)
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BLOCK ISLAND SOUND AND ADJACENT NEW YORK
THE ESTUARINE AND COASTAL OCEANOGRAPHY OF
(E72-10172) AN INTERDISCIPLINARY STUDY OF